



## COVID-19

# Stay Up to Date with Your COVID-19 Vaccines

Updated May 20, 2022

Learn about [CDC's new COVID-19 booster guidance for people ages 5 years and older](#).

### What You Need to Know

- CDC recommends that everyone ages 5 years and older get their primary series of COVID-19 vaccine, and everyone ages 12 years and older also receive a booster. [Some people can receive two boosters](#).
- People who are moderately or severely immunocompromised have specific COVID-19 vaccine recommendations, including recommendations for a booster. Learn more about [COVID-19 vaccine recommendations for people who are moderately or severely immunocompromised](#).
- Use [CDC's COVID-19 booster tool](#) to learn if and when you can get boosters to stay up to date with your COVID-19 vaccines.
- The following [COVID-19 vaccine and booster recommendations](#) may be updated as CDC continues to follow data related to vaccine effectiveness and safety, waning immunity, and protection against variants.

## About COVID-19 Vaccines

COVID-19 vaccines available in the United States are effective at protecting people from getting seriously ill, being hospitalized, and even dying—especially people who are boosted. As with other diseases, you are protected best from COVID-19 when you stay up to date with recommended vaccines.



### Approved or Authorized Vaccines

Three COVID-19 vaccines are authorized or approved for use in the United States to prevent COVID-19. Pfizer-BioNTech or Moderna are COVID-19 mRNA vaccines and are preferred. You may get Johnson & Johnson's Janssen COVID-19 vaccine in some situations.

[Pfizer-BioNTech](#)

[Moderna](#)

[Johnson & Johnson's Janssen](#)

## When Are You Up to Date?

You are **up to date** with your COVID-19 vaccines when you have received all doses in the primary series and one booster when eligible, [as shown below](#).

- Getting a second booster is not necessary to be considered up to date at this time.
- The recommendations will be different depending on your age, your health status, what vaccine you first received, and when you first got vaccinated.

# Adults ages 18 or older

Pfizer-BioNTech

**Primary Series:**

2 doses of Pfizer-BioNTech given 3–8 weeks apart <sup>[1]</sup>

**Fully Vaccinated:** 2 weeks after final dose in primary series

**Boosters:**

- 1 booster of either Pfizer-BioNTech or Moderna COVID-19 vaccine is recommended at least 5 months after the final dose in the primary series
- Adults ages 50 years and older can [choose to receive a 2nd booster](#) dose of either Pfizer-BioNTech or Moderna COVID-19 vaccine at least 4 months after the 1st booster

**Up to Date:** Immediately after getting 1st booster <sup>[2]</sup>

Moderna

**Primary Series:**

2 doses of Moderna given 4–8 weeks apart <sup>[1]</sup>

**Fully Vaccinated:** 2 weeks after final dose in primary series

**Boosters:**

- 1 booster of either Pfizer-BioNTech or Moderna COVID-19 vaccine is recommended at least 5 months after the final dose in the primary series
- Adults ages 50 years and older can [choose to receive a 2nd booster](#) dose of either Pfizer-BioNTech or Moderna COVID-19 vaccine at least 4 months after the 1st booster

**Up to Date:** Immediately after getting 1st booster <sup>[2]</sup>

Johnson & Johnson's Janssen

**Primary Series:**

1 dose of Johnson & Johnson’s Janssen

**Fully Vaccinated:** 2 weeks after vaccination

**Boosters:**

- 1 booster of either Pfizer-BioNTech or Moderna COVID-19 vaccine is recommended at least 2 months after a J&J/Janssen COVID-19 vaccine

- Anyone who received a J&J/Janssen COVID-19 vaccine for both their primary dose and booster may receive a 2nd booster of either Pfizer-BioNTech or Moderna COVID-19 vaccine at least 4 months after their 1st booster
- Adults ages 50 years and older can [choose to receive a 2nd booster](#) of either Pfizer-BioNTech or Moderna COVID-19 vaccine at least 4 months after the 1st booster

**Up to Date:** Immediately after getting 1st booster <sup>[2]</sup>

## Children and teens ages 12–17 years

### Pfizer-BioNTech

#### Primary Series:

2 doses of Pfizer-BioNTech given 3–8 weeks apart <sup>[1]</sup>

**Fully Vaccinated:** 2 weeks after final dose in primary series

#### Boosters:

1 booster of Pfizer-BioNTech COVID-19 vaccine is recommended at least 5 months after the final dose in the primary series

**Up to Date:** Immediately after getting 1st booster <sup>[2]</sup>

## Children ages 5–11 years

### Pfizer-BioNTech

#### Primary Series:

2 doses of Pfizer-BioNTech given 3 weeks apart <sup>[1]</sup>

**Fully Vaccinated AND Up to Date:** 2 weeks after final dose in primary series since a booster is NOT recommended for this age group at this time <sup>[2]</sup>

<sup>1</sup> Talk to your healthcare or vaccine provider about the timing for the second dose in your primary series.

- **People ages 12 through 64 years, and especially males ages 12 through 39 years,** may consider getting the second dose of an mRNA COVID-19 vaccine (Pfizer-BioNTech or Moderna) 8 weeks after the first dose. A longer time between the first and second doses may increase how much protection the vaccines offer, and further minimize the already rare risk of heart problems, including myocarditis and pericarditis.
- **People ages 5 through 11 years, people ages 65 years and older, people more likely to get very sick from COVID-19, or anyone wanting protection due to high levels of community transmission** should get the second dose of Pfizer-

BioNTech COVID-19 vaccine **3 weeks (or 21 days)** after the first dose, or the second dose of **Moderna** COVID-19 vaccine **4 weeks (or 28 days)** after the first dose.

<sup>2</sup> If you have completed your primary series—but are not yet eligible for a booster—you are also considered up to date. Stay up to date by getting one booster when you are eligible. Getting a second booster is not necessary to be considered up to date at this time.

## Mixing COVID–19 Vaccine Products

CDC does not recommend mixing products for your primary vaccine series.

If you received a Pfizer-BioNTech or Moderna COVID-19 vaccine, you should get the same product for your second shot in the primary series. People eligible for a booster who are ages 18 years and older may get a different product for their booster. People eligible for a booster who are ages 12 through 17 years must get the same product (Pfizer-BioNTech) for their booster.

## Timing of COVID–19 Vaccination After Infection

People who have COVID-19 should wait to receive any vaccine, including a COVID-19 vaccine, until after they recover and [complete their isolation period](#).

Additionally, people who recently had COVID-19 *may* consider delaying their next booster by 3 months from when their symptoms started or, if they had no symptoms, when they first received a positive test. Reinfection is less likely in the weeks to months after infection. However, certain factors, such as personal risk of severe disease, local [COVID-19 community level](#), and the dominant [COVID-19 variant](#), could be reasons to get a vaccine sooner rather than later.

Talk to your healthcare professional if you have questions about when to get your next COVID-19 vaccine.

## Vaccination Outside the United States

If you received COVID-19 vaccines outside the United States, whether you are up to date depends on which COVID-19 vaccine (and how many doses) you received. Learn more about when [people vaccinated outside the United States are considered fully vaccinated](#).

## Allergic Reaction to a COVID–19 Vaccine Product

If you had a [severe allergic reaction](#) after a previous dose of a COVID-19 vaccine or if you have a known (diagnosed) allergy to a COVID-19 vaccine ingredient, you should not get that vaccine. If you have been instructed not to get one type of COVID-19 vaccine, you may still be able to get another type.

## Scheduling Your COVID–19 Vaccines

**Find a COVID-19 vaccine or booster:** Search [vaccines.gov](#), text your ZIP code to 438829, or call 1-800-232-0233 to find locations near you.

There are several ways you can [find a vaccine provider](#). You can get your COVID-19 vaccines at the same location, or different locations.

- If you need help scheduling your second shot or your booster, contact the location that set up your previous appointment. It is never too late to get the added protection offered by completing your primary series or getting a COVID-19 booster.
- Some community vaccination clinics have closed. You can get your second shot or your booster at a different location.

Learn more about [getting your COVID-19 vaccine](#).



## For Healthcare and Public Health

[COVID-19 Clinical and Professional Resources](#)

### Related Pages

- › [Getting a COVID-19 Vaccine](#)
- › [How COVID-19 Vaccines Work](#)
- › [Possibility of COVID-19 after Vaccination: Breakthrough Infections](#)
- › [Meeting Materials for the Advisory Committee on Immunization Practices](#)

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